

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended) A personal care composition comprising:

a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety selected from the group consisting of C₃-C₇ alkyl, aryl alkyl, alkyl aryl groups and mixtures thereof, wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and

b. at least one active personal care ingredient,

wherein the composition is an oil-in-water or water-in-oil emulsion.

Claim 2 (Original) The composition of claim 1 wherein the composition also comprises from about 0.01% to about 25% by weight of the personal care composition of a surfactant.

Claim 3 (Previously Amended) The composition of claim 2 wherein the surfactant is selected from the group consisting of anionic, nonionic, cationic, zwitterionic, and amphoteric, mixtures thereof.

Claim 4 (Original) The composition of claim 1 wherein the composition also comprises from about 0.1% to about 99% by weight of the personal care composition of a compatible solvent or solvent mixture.

Claim 5 (Original) The composition of claim 4 wherein the solvent or solvent mixture is selected from the group consisting of water, water-lower alkanols mixtures, polyhydric alcohols having from 3 to 6 carbon atoms and from 2 to 6 hydroxyl groups, and mixtures thereof.

Claim 6 (Original) The composition of claim 5 wherein the solvent or solvent mixture is selected from the group consisting of water, propylene glycol, water-glycerine, sorbitol-water, water-ethanol, and mixtures thereof.

Claim 7 (Original) The composition of claim 2 wherein the composition also comprises from about 0.1% to about 99% by weight of the personal care composition of a compatible solvent or solvent mixture.

Claim 8 (Previously Amended) The composition of claim 1 wherein the hydrophobically modified polysaccharide backbone is selected from the group consisting of hydroxyethylcellulose (HEC), hydroxypropylcellulose (HPC), methylcellulose (MC), hydroxypropylmethylcellulose (HPMC), ethylhydroxyethylcellulose (EHEC), and methylhydroxyethylcellulose (MHEC), and agar, dextran, locust bean gum, starch, guar, and their nonionic derivatives, and mixtures thereof.

Claim 9 (Original) The composition of claim 1 wherein the polysaccharide backbone is HEC and the hydrophobic moiety is 3-butoxy-2-hydroxypropyl.

Claim 10 (Original) The composition of claim 4 wherein composition also contain an effective viscosifying amount of a salt.

Claim 11 (Original) A hair or skin care composition comprising a solvent and an effective amount of the personal care composition of claim 7.

Claim 12 (Original) A shampoo comprising an effective amount of the personal care composition of claim 4.

Claim 13 (Original) A conditioner comprising an effective amount of the personal care composition of claim 4.

Claim 14 (Original) A shampoo-conditioner comprising an effective amount of the composition of claim 1.

Claim 15 (Original) A sun care product comprising a solvent and an effective amount of personal care composition of claim 1.

Claim 16 (Original) A shower gel comprising an effective amount of cleaning composition of claim 1.

Claim 17 (Original) A soap comprising an effective amount of the personal care composition of claim 1.

Claim 18 (Original) A hair styling gel composition comprising an effective amount of the personal care composition of claim 1.

Claim 19 (Original) A hair styling gel composition comprising an effective amount of the personal care composition of claim 4.

Claim 20 (Original) A hair anti-dandruff composition comprising solvent and effective amount of the personal care composition of claim 7.

Claim 21 (Original) A hair growth promoter composition comprising an effective amount of the personal care composition of claim 1.

Claim 22 (Original) A hair colorant composition comprising an effective amount of the personal care composition of claim 1.

Claim 23 (Original) A hair bleaching agent composition comprising an effective amount of the personal care composition of claim 1.

Claim 24 (Original) A hair anti-frizzing agent composition comprising an effective amount of the personal care composition of claim 1.

Claim 25 (Original) A hair relaxer composition comprising an effective amount of the personal care composition of claim 1.

Claim 26 (Currently Amended) A dentifrice composition comprising an effective amount of a the personal care composition of claim 1 comprising:

a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety which comprises 3-alkoxy-2-hydroxypropyl group wherein the alkyl moiety is a straight or branch chain having 2-6 carbon atoms, and wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and

b. at least one active personal care dentifrice ingredient.

Claim 27 (Currently Amended) A mouth wash composition comprising an effective amount of a the personal care composition of claim 1 comprising:

- a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety which comprises 3-alkoxy-2-hydroxypropyl group wherein the alkyl moiety is a straight or branch chain having 2-6 carbon atoms, and wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and
- b. at least one active personal care mouth wash ingredient .

Claim 28 (Currently Amended) A denture adhesive composition comprising an effective amount of a the personal care composition of claim 1 comprising:

- a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety which comprises 3-alkoxy-2-hydroxypropyl group wherein the alkyl moiety is a straight or branch chain having 2-6 carbon atoms, and wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and
- b. at least one active personal care denture adhesive ingredient.

Claim 29 (Original) A shaving product composition comprising an effective amount of the personal care composition of claim 1.

Claim 30 (Original) A lubricating gel composition comprising an effective amount of the personal care composition of claim 1.

Claim 31 (Original) A spermicide gel composition comprising an effective amount of the personal care composition of claim 1.

Claim 32 (Original) A beauty aid composition comprising an effective amount of the personal care composition of claim 1.

Claim 33 (Currently Amended) An underarm solid stick composition comprising an effective amount of a the personal care composition of claim 1 comprising:

a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety which comprises 3-alkoxy-2-hydroxypropyl group wherein the alkyl moiety is a straight or branch chain having 2-6 carbon atoms, and wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and

b. at least one active personal care underarm solid stick ingredient.

Claim 34 (Currently Amended) An underarm gel composition comprising an effective amount of a the personal care composition of claim 1 comprising:

a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety which comprises 3-alkoxy-2-hydroxypropyl group wherein the alkyl moiety is a straight or branch chain having 2-6 carbon atoms, and wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and

b. at least one active personal care underarm gel ingredient.

Claim 35 (Currently Amended) An underarm liquid composition comprising an effective amount of a the personal care composition of claim 1 comprising:

a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety selected from the group consisting of C₃-C₇ alkyl, aryl alkyl, alkyl aryl groups and mixtures thereof, wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and

b. at least one active personal care underarm liquid ingredient.

Claim 36 (Currently Amended) ~~The~~ An underarm liquid composition of claim 35 wherein the at least one active personal care ingredient composition comprising comprises an aerosol ingredient.

Claim 37 (Canceled) The composition of claim 1 where composition also comprises an oil-in-water or water in oil emulsion.

Claim 38 (Currently Amended) A cleansing composition comprising an effective amount of a composition of claim 1 comprising:

- a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety selected from the group consisting of C₃-C₇ alkyl, aryl alkyl, alkyl aryl groups and mixtures thereof, wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and
- b. at least one active personal care cleansing ingredient.

Claim 39 (Currently Amended) A hair grooming and hair detangler composition comprising an effective amount of a the personal care composition of claim 1 comprising:

- a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety selected from the group consisting of C₃-C₇ alkyl, aryl alkyl, alkyl aryl groups and mixtures thereof, wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and
- b. at least one active personal care hair grooming and hair detangler ingredient.

Claim 40 (Currently Amended) A razor blade lubrication strip composition comprising an effective amount of a the personal care composition of claim 1 comprising:

- a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble

polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety selected from the group consisting of C₃-C₇ alkyl, aryl alkyl, alkyl aryl groups and mixtures thereof, wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and

b. at least one active personal care razor blade lubrication strip ingredient.

Claim 41 (Currently Amended) A cleansing tissue composition comprising an effective amount of a the personal care composition of claim 1 comprising:

a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety selected from the group consisting of C₃-C₇ alkyl, aryl alkyl, alkyl aryl groups and mixtures thereof, wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and

b. at least one active personal care cleansing tissue ingredient.

Claim 42 (Previously Added) The personal care composition of claim 1, wherein the hydrophobic moiety is attached to the backbone by a linkage group selected from the class consisting of ether, ester, and urethane.

Claim 43 (Previously Added) The personal care composition of claim 42, wherein the linkage group is an ether.

Claim 44 (Currently Amended) A personal care composition comprising:

a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety which comprises 3-alkoxy-2-hydroxypropyl group wherein the alkyl moiety is a straight or branch chain having 2-6 carbon atoms, and wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and

b. at least one active personal care ingredient,

wherein the composition is an oil-in-water or water-in-oil emulsion.

Claim 45 (New) A personal care cleansing composition comprising:

- a. from about 0.1% to about 99% by weight of a vehicle system which comprises a hydrophobically modified nonionic water soluble polysaccharide polymer having a hydrophilic portion which comprises a water soluble polysaccharide polymer backbone and a hydrophobic moiety which comprises 3-alkoxy-2-hydroxypropyl group wherein the alkyl moiety is a straight or branch chain having 2-6 carbon atoms, and wherein the ratio of the hydrophilic portion to the hydrophobic portion of the polymer is from about 2:1 to 1000:1, and
- b. at least one active personal care cleansing ingredient